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port the hardware or software needed for **modular exponentiation** ...
 the public
exponent, as in the RSA setting. Next, he chooses a **random number**
 v ...

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volves **modular exponentiation**. Since **modular exponentiation** takes a great deal
 of time to ... The smart card needs to generate 2s **random numbers**, namely, b ...

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 with the **exponent** set such that the values produced lie in the interval [0.0, ...

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and secret **exponent**. The first **modular exponentiation** gives the result C ...
 problem is almost equivalent to "how many **random numbers** of 512 bits or 513 ...
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half of a fixed-base **modular exponentiation** (to be precise, our **exponent** is $n/2 - O(\log n)$... A simple unpredictable **pseudo-random number** generator. ...
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... int, **Random**) is a constructor that generates a large **random number** that is
 ... The **modular exponentiation** itself can be implemented using the method ...
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the **exponent X** is **short** (eg, **modular squaring** and RSA. verification). We also
 illustrate the potential ... Alice chooses (uniformly) a **random number** ...
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Q1: For a **random** prime p, what is the expected **number** of bits k of x leaked? ...
 Thus all aspects of the **short-exponent** discrete ...
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1.1 To generate the primes p and q, generate a **random number** of bit length b/2
... 3 Choose an integer e known as the public **exponent** or encryption **exponent**, ...
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Section 10.4: Going Farther: Cryptography Using the "Lumberjack's ...
We have seen an applet before which uses the fast **modular exponentiation** ...
Alice and Bob secretly pick **random numbers**, which we will call a and b ...
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